

In the Claims:

Please amend the claims as follows:

Kindly cancel Claims 1 to 3.

Claim 4 (Currently amended): A method for shaping an envelope of a complex signal, composed of a plurality of sample symbols with a real part and an imaginary part, by keeping the amplitude of each of said sample symbols at or below a threshold value, said method comprising the steps of:

rearranging ~~a first~~ said complex signal in a time domain;

obtaining the amplitude of one of said sample symbols of said ~~first~~ complex signal;

comparing the amplitude of said one of said sample symbols to said threshold value;

setting the amplitude and sign of the real part of each of ~~a set of a~~ said plurality of sample symbols to the amplitude and sign of the real part of said one of said sample symbols, if the amplitude of the real part of said one of said sample symbols is equal to or less than said threshold value;

setting the imaginary part of each of ~~the set of a~~ said plurality of sample symbols to the ~~amplitude value equal to~~ of said threshold value minus the amplitude of the real part of said one said sample symbols and wherein the sign of the imaginary part of each of ~~the set of a~~ said plurality of sample symbols is the sign of the real part of said one of said sample symbols, if the amplitude of the real part of said one of said sample symbols is equal to or less than said threshold value;

setting the sign of the real part of each of ~~the set of a~~ said plurality of sample symbols to a positive value and the amplitude of the real part of each of ~~the set of a~~ said plurality of sample

symbols to half the amplitude of the real part of said one of said sample symbols, if the amplitude of the real part of said one of said sample symbols is greater than said threshold value; and

setting the sign of the imaginary part of each of ~~the set of a~~ said plurality of sample symbols to a negative value and the amplitude ~~value~~ of the imaginary part of each of ~~the set of a~~ said plurality of sample symbols equal to one half the amplitude of the real part of said one of said sample symbols, if the amplitude of the real part of said one of said sample symbols is greater than said threshold value.

Claim 5 (Currently Amended): The method of claim 4 wherein the steps of rearranging, obtaining, comparing, setting the amplitude and sign of the real part, setting the imaginary part, setting the sign of the real part, and setting the sign of the imaginary part are repeated for each of said plurality of sample symbols.

Claim 6 (Currently amended): A method for shaping an envelope of a complex signal, composed of a plurality of sample symbols with a real part and an imaginary part, by keeping the amplitude of each of said sample symbols at or below a threshold value, said method comprising the steps of:

rearranging a first said complex signal in a time domain;

obtaining the amplitude of one of said sample symbols of said ~~first complex~~ signal;

comparing the amplitude of said one of said sample symbols to said threshold value;

setting the amplitude and sign of the real part of each of a set of a said plurality of sample symbols to the amplitude and sign of the real part of said one of said sample symbols, if the

amplitude of the real part of said one of said sample symbols is equal to or less than said threshold value;

setting the amplitude of the imaginary part of each of ~~the set of a~~ said plurality of sample symbols to the square root of the square of said threshold value minus the square of the amplitude of the real part of said one of said sample symbols and wherein the sign of the imaginary part of each of ~~a second set of a~~ said plurality of sample symbols is the sign of the real part of said one of said sample symbols, if the amplitude of the real part of said one of said sample symbols is equal to ~~or~~ less than said threshold value;

setting the sign of the real part of each of ~~the set of a~~ said plurality of sample symbols to a positive value and the amplitude of the real part of each of ~~the set of a~~ said plurality of sample symbols to half the amplitude ~~and of amplitude~~ of the real part of said one of said sample symbols, if the amplitude of the real part of said one of said sample symbols is greater than said threshold value; and

setting the sign of the imaginary part of each of ~~the set of a~~ said plurality of sample symbols to a negative value and the amplitude of the imaginary part of each of ~~the set of a~~ said plurality of sample symbols to one half the amplitude of the real part of said one of said sample symbols, if the amplitude of the real part of said one of said sample symbols is greater than said threshold value.

Claim 7 (Currently amended): The method of claim 6 wherein the steps of rearranging, obtaining, comparing, setting the amplitude and sign of the real part, setting the amplitude of the imaginary part, setting the sign of the real part, and setting the sign of the imaginary part are repeated for each of said plurality of sample symbols.